

METHOD AND SYSTEM FOR OPERATING SYSTEM QUIESCENT STATE

Craig Chaiken
 Muhammed K. Jaber
 Kendall C. Witte

5 ABSTRACT OF THE DISCLOSURE

Information handling system functions performed with an information handling system operating system in a quiescent state, such as ROM flashing, diagnostics BIOS warning screens and hard disc drive backup, are supported through an operating system quiescent state initiated by a simulated power down state which

10 leaves one or more processing components of the information handling system operational. For instance, an operating system utility sets a BIOS flag and pointer so that an ACPI S3 power down state places the operating system in a quiescent state but an S3 suspend call from the operating system is intercepted and a quiescent state

15 function called by the BIOS. Recovery of the operating system from the quiescent state is initiated with the BIOS so that a reboot of the information handling system is avoided.